

Serial No. 09/849,397
Docket No. ARC920000071US1

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AMENDMENTS TO THE SPECIFICATION:

Please amend the specification as follows:

At page 10, please replace the first full paragraph with the following new paragraph:

a1 The inventive method will be illustrated with an exemplary 1-byte (8 bits) byte-sync pattern. This pattern maximizes the minimum distance when slid ~~slided~~ over itself. Later, a 4-byte (32 bits) pattern will be presented that is optimal with this property.

At page 10, please replace the second full paragraph with the following new paragraph:

a2 In Figure figure 5, x represents random data, that are followed by the 8-bit pattern 0 0 0 1 1 0 1 0, and then again by random data. A window 4 bits before the pattern arrives is opened, and the window is closed 4 bits later.

At page 10, please replace the fourth full paragraph with the following new paragraph:

a3 The result is registered in the left column. Then, the window is slid ~~slided~~ until 4 bits after the end of the inventive pattern. The result is as shown in Figure 5. It can be seen that the Hamming distance is 3 or more, except when the pattern has been found. This property allows for tolerance of one error within the window considered.